

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Patentee:** Shen et al. **Conf. No.** 2626  
**Assignee:** Atwood Mobile Products, Inc. **Art Unit:** 1795  
**U.S. Patent No.:** 5,573,648 **Date Issued:** November 12, 1996  
**Reissue Application No.:** 10/621,999 **Date Filed:** July 17, 2003  
**Application No.:** 381,718 **Date Filed:** January 31, 1995  
**Title:** GAS SENSOR BASED ON PROTONIC CONDUCTIVE MEMBRANES

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Mail Stop Reissue - Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Dear Sir:

This is a Response to the Office Action, dated June 14, 2010, for the pending reissue application of US Patent No. 5,573,648.

**Amendments to the Claims** begin on page 2.

**Remarks** begin on page 27.

A petition for a two-month extension of time under 37 C.F.R. 1.136(a) and the accompanying fee are filed herewith.

The Commissioner is hereby authorized to charge such extension fee any other fees required for entry of this response or credit any overpayment of fees to Deposit Account No. 19-0733.